

ABSTRACT

The present invention includes methods of modulating cellular secretory processes. More specifically the present invention relates to modulating the release of inflammatory mediators. Additionally, the present invention discloses an intracellular signaling mechanism that regulates airway mucin secretion as well as illustrating several novel intracellular targets for pharmacological intervention in disorders involving aberrant secretion of respiratory mucins and/or secretion of inflammatory mediators from membrane-bound vesicles.